Citrix MULTIUSER™

EASY INSTALLATION GUIDE

CITRIX

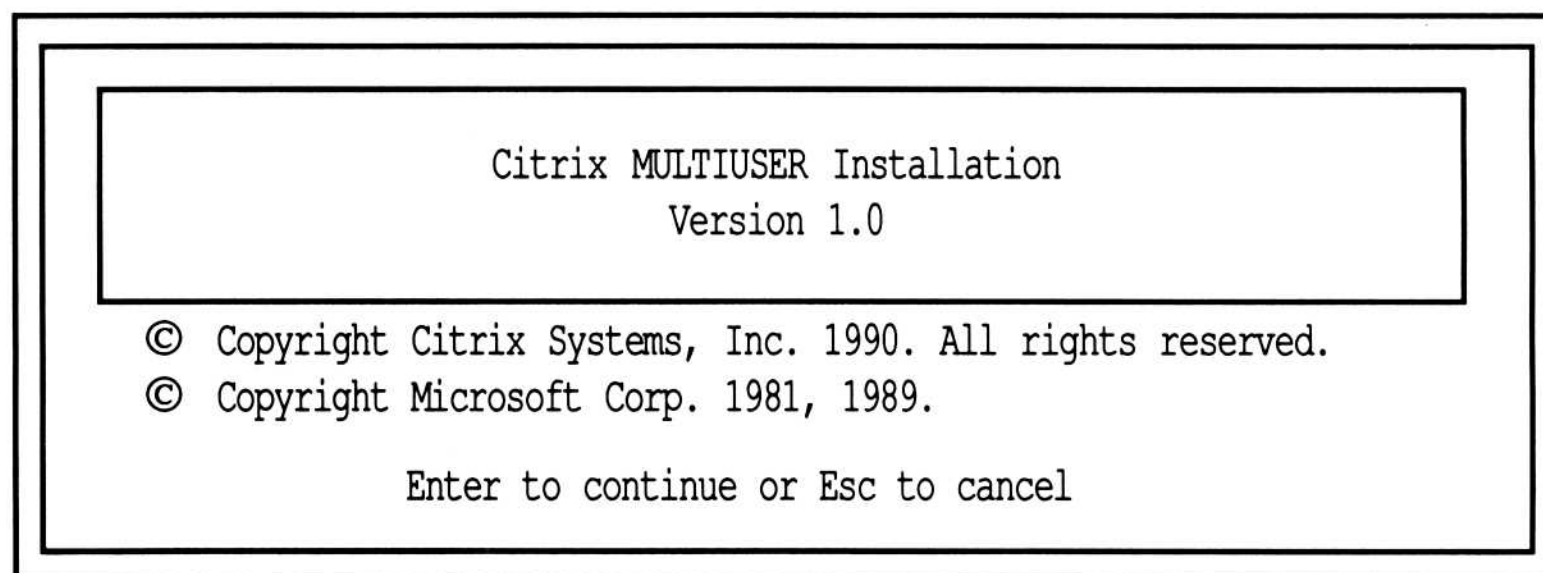# Citrix *MULTIUSER*

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The purpose of this "Easy Installation Guide" is to take the Citrix *MULTIUSER* installer through the simplest Citrix *MULTIUSER* installation scenario. Upon completion of this procedure, you will have Citrix *MULTIUSER* installed on your host system, an operational terminal connected to one of the serial ports on your host system unit, and at least one user added to the system configuration.

Before you continue through this "Easy Installation Guide" be sure that you have the four Citrix *MULTIUSER* diskettes, a fixed disk with a primary partition with at least 10 megabytes of available space, and at least three megabytes of memory on your host system unit. It will be helpful to know the type of terminal that you will be connecting to the host system unit and to have the cables available that you will be using to do the connecting. See the *Citrix MULTIUSER System Administrator's Guide*, Appendix E, "Cable Types and Configuration Implications," if you need more information on cabling.

To begin the Citrix *MULTIUSER* installation, insert the Citrix *MULTIUSER* Installation Diskette in drive A and press **CTRL+ALT+DEL**.

When prompted to "Insert the Citrix *MULTIUSER* Diskette 1", put it in drive A and press **ENTER**.

When the following "Citrix *MULTIUSER* Installation Version 1.0" panel appears:

```
┌─────────────────────────────────────────────────────────────┐
│  ┌─────────────────────────────────────────────────────┐    │
│  │                                                     │    │
│  │           Citrix MULTIUSER Installation             │    │
│  │                  Version 1.0                        │    │
│  │                                                     │    │
│  └─────────────────────────────────────────────────────┘    │
│                                                             │
│   ©  Copyright Citrix Systems, Inc. 1990. All rights reserved. │
│   ©  Copyright Microsoft Corp. 1981, 1989.                  │
│                                                             │
│              Enter to continue or Esc to cancel             │
│                                                             │
└─────────────────────────────────────────────────────────────┘
```

Press **ENTER** to continue with the installation procedure.

As you continue through the installation procedure, be sure to read all of the panels as they appear. Also, keep in mind that help information is available throughout the installation procedure by pressing the **F1** key.

Press **ENTER** at the "Welcome" panel to continue with the installation procedure.

Press **ENTER** at the "Introduction" panel to continue with the installation procedure.

If the "Fixed Disk Space Requirement" panel appears and the primary partition is less than 10 megabytes in size, press the **F3** key to terminate the installation procedure and use FDISK to enlarge the primary partition. If you need more information, it can be found in the *Citrix MULTIUSER System Administrator's Guide*, Chapter 3, "Setting Up Your Fixed Disk Partitions." If the primary partition is greater than 10 megabytes, press **ENTER** to continue with the installation procedure.

At the "Formatting the Primary Partition" panel, you will have to decide whether or not you need to format the primary partition. Unless your primary partition has already been formatted by Citrix *MULTIUSER*, you will need to format your primary partition as a part of this installation procedure. If there is data on the primary partition that you need or if you need to re-partition your fixed disk, remove the diskette from drive A and press **CTRL+ALT+DEL**. Once the system has restarted, backup your data or re-partition your fixed disk (using FDISK) and then begin the installation procedure again.

If you are going to format your primary partition, use the down arrow key to highlight "Format the partition" and press **ENTER**. A panel will appear that states "Warning: Fixed disk partition may contain data"; press **ENTER** to continue with the format. If this is a new fixed disk, FDISK will be run by Citrix *MULTIUSER* to create a primary partition and that partition will then be formatted.

If your primary partition has already been formatted by Citrix *MULTIUSER* as a part of a previous Citrix *MULTIUSER* installation, you may see two additional panels during the course of this installation. The "Rename Files" panel may appear, renaming any existing system files. Press **ENTER** to accept the names that Citrix *MULTIUSER* suggests. Also, the "Warning: Profiles already exist" panel may appear after the "Install Users" panel. Press **ENTER** to "Keep existing profiles" or press the down arrow and press **ENTER** to "Delete existing profiles."

At the "Enter Company and Computer Names" panel, type in your "Company name," press the down arrow key, type in your "Host computer name" (if you would like one) and press **ENTER**.

At the "Select Display Adapter" panel, use the arrow keys to highlight the choice that matches the display that you have attached to your host system unit and then press **ENTER**. In most cases, this choice should be "Yes – no other display adapters are attached".

At the "Select Serial Device" panel, press **ENTER** to "Add serial device support". This will allow you to connect terminals to the serial (COM) ports that come with your host system unit.

At the "Select Retrieve Command Support" panel, press **ENTER** to "Add retrieve command support". This will allow you to retrieve your previous OS/2 commands at an OS/2 Command Prompt.

At the "Select Configuration" panel, press **ENTER** to "Accept configuration". This will allow you to use all of the default system values when the system is restarted. If you would prefer to view or change these values prior to accepting them, use the arrow keys to highlight the appropriate choice and then press **ENTER**.

At the "Install Users" panel, press **ENTER** to "Accept users". This will allow you to initially use the *usernames* provided by the system. The *usernames* provided by the system are:

username	*groupname*	*password*
ADMIN	WRKGRP	citrix
CITRIX	CITRIX	citrix

You probably will need to add users to the system configuration. This can be done once the system is operating using the steps described in the "Adding Groups and Users" section found later in this document. If you choose to add users at this time, you may add up to ten *usernames*. To do so, use the down arrow key to highlight "Change Users" and press **ENTER**. When the "Change Users" panel appears, do not change the ADMIN *username* or *password*, instead press **ENTER**. The "Change Users (continued)" panel will appear. Type *usernames* and *passwords* in the entry fields using the up/down arrow keys to move vertically and the tab key to move horizontally. Once you have added all of the *usernames* (and *passwords*) that you want, make a note of them and press **ENTER**. When the "Install Users" panel appears, use the up arrow to move the highlight to "Accept users" and press **ENTER**.

When prompted to "Insert the Citrix *MULTIUSER* Diskette 2", put it in drive A and press **ENTER**.

When prompted to "Insert the Citrix *MULTIUSER* Diskette 3", put it in drive A and press **ENTER**.

When prompted to "Insert the Citrix *MULTIUSER* Installation Diskette", put it in drive A and press **ENTER**.

When the "Installation Summary" panel appears, make a note of the information displayed and press **ENTER**.

When prompted to, remove the diskette from drive A and press **CTRL+ALT+DEL** to restart the system.

After the system restarts and a Login: prompt appears, type CITRIX and press **ENTER**. At the Password: prompt type citrix and press **ENTER**. (Note: passwords are case sensitive; this must be typed as lower case.)

If you changed the default *password* that was associated with the ADMIN *username* when you were at the "Change Users" panel, the default *password* for the CITRIX *username* was also changed. Use the same *password* you specified for the ADMIN *username* to login as CITRIX. The CITRIX *username* is only valid for five days after installation. For future administrative tasks, use the ADMIN *username* or create a new *username* with administrative authority.

Adding a Terminal

This section describes how to change the system configuration in order to add a terminal that is connected to one of the standard serial ports on your host system unit (i.e., COM1 or COM2). Refer to the *Citrix MULTIUSER System Administrator's Guide*, Chapter 6, "Configuring Terminal Subsystems and Terminals," if you need more information.

At the OS/2 Command Prompt, type CONFIG and press **ENTER**.

When the "*MULTIUSER* System Administration" panel appears, use the down arrow key to highlight "Terminals (Configure Terminals)" and press **ENTER**.

At the "Terminal Configuration" panel, press the **F10** key, then **P** for "Profile", then press **ENTER** to select "Add subsystem..."

The "Add a Terminal Subsystem" panel will appear with the line "OS/2 Async Device Driver" highlighted. Press **ENTER** to select that subsystem.

Use the down arrow to highlight the "OS/2 Async Device Driver" subsystem. Press the **F10** key, then **P** for "Profile", then **N** for "New..." (to add a new terminal).

When the "Create a New Terminal" panel appears, type in a name for your terminal, for example, TERM01 and press **ENTER**. It is a good idea to try to map the terminal name to the name of the serial port. TERM01 would be a good name for a terminal attached to COM1.

At the "Choose a Device Name" panel, use the down arrow key to highlight the proper serial port (probably COM1) and press **ENTER**.

At the "Choose a Terminal Type" panel, use the down arrow key to highlight the terminal type that matches your terminal and press **ENTER**.

When the "Edit Terminal Profile" panel appears on your screen, use the PAGE DOWN or the down arrow key to browse the settings in the terminal profile. All of the terminal profile defaults have been set intelligently so that changes to the profile would be minimized. Normally, the only terminal setting that might have to be changed is the baud rate. If you need to change the baud rate, use the arrow keys to highlight a new baud rate and press the space bar to select it.

When you are done editing the terminal profile, press the **F4** key to file the changes and return to the "Terminal Configuration" panel, then press the **F3** key to exit. If you would like to exit the "*MULTIUSER* System Administration" panel and return to the OS/2 Command Prompt, press the **F3** key.

At this point, the Login: prompt should appear on the configured terminal. If it does not, ensure that the physical settings of the terminal match the settings in the terminal profile. Appendix D, "Setting up Specific Terminal Types," in the *Citrix MULTIUSER System Administrator's Guide* will help you configure a specific terminal type. Chapter 16, "Problem Determination," in the *Citrix MULTIUSER System Administrator's Guide*, can also help you with your terminal set up.

Adding Groups and Users

To add a new group profile (of which users are members), type CONFIG and press **ENTER**.

When the "*MULTIUSER* System Administration" panel appears, be sure that "Profiles (Configure System, Groups, and Users)" is highlighted and press **ENTER**.

When the "Profile Configuration" panel appears, be sure that "System Profile" is highlighted, press the **F10** key, then **P** for "Profile", then **N** for "New..." (to add a new group). The "Create a New Group" panel will appear. Type in the new *groupname*, (e.g., DEVELOPMENT) and press **ENTER**.

To add a user to an existing group, use the down arrow key to highlight the group that the *username* is to be added to (e.g., WRKGRP). Press the **F10** key, then **P** for "Profile", then **N** for "New..." (to add a new user). The "Create a New User" panel will appear. Type in the new *username*, (e.g., GEORGEV) and press **ENTER**.

Repeat the above process if you need to add more *groupnames* or *usernames*. Press the **F3** key to exit the "Profile Configuration" panel. If you would like to exit the "*MULTIUSER* System Administration" panel and return to the OS/2 Command Prompt, press the **F3** key. See the *Citrix MULTIUSER System Administrator's Guide*, Chapter 5, "Configuring Profiles," if you need more information.

Adding Security

A person designated as the System Administrator can add permission access for system resources and system functions. If the System Administrator wanted to add permission access, he or she would type CONFIG and press **ENTER** at the OS/2 Command Prompt.

When the "*MULTIUSER* System Administration" panel appears, the System Administrator would use the down arrow key to highlight "Access (Configure Access Control Lists)" and he or she would then press **ENTER**.

See the *Citrix MULTIUSER System Administrator's Guide*, Chapter 7, "Configuring Security," for more information.

Diskette Drive Access

Only one user at a time is allowed to use a diskette drive. To use a diskette drive, you must first reserve the drive. To reserve drive A type RESERVE A: and press **ENTER**. To delete your reservation of drive A type RESERVE A: /D and press **ENTER**.